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7590 10/20/2005

Robert M. Wallace
 Patent Counsel
 Suite 102
 2112 Eastman Avenue
 Ventura, CA 93003

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| | |
|--------------------|--------------------|
| Shelly Hart | (Depositor's name) |
| <i>Shelly Hart</i> | (Signature) |
| January 20, 2006 | (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/731,615 | 12/08/2003 | Peter F. Chu | NTH/010-03 | 4757 |

TITLE OF INVENTION: EER MODULATOR WITH POWER AMPLIFIER HAVING FEEDBACK LOOP PROVIDING SOFT OUTPUT IMPEDANCE

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$1700 | 01/20/2006 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-----------------|----------|----------------|
| NGUYEN, KHANH V | 2817 | 330-010000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.

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 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
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Law Office of Robert M. Wallace

2. _____
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Northrop Grumman Corporation

Los Angeles, California

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Robert M. Wallace

Date January 20, 2006

Typed or printed name

Robert M. Wallace

Registration No. 29,119

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